



Canada Research Chair (Tier I), Quantum Machine Learning, Faculty of Science

The **Faculty of Science** at the **University of Calgary** invites applications for a full-time **Canada Research Chair (CRC) Tier I** position in quantum computing in the area of **Quantum Machine Learning**. The successful candidate will be appointed as a **Full Professor (with Tenure)** position, and nominated for a CRC Tier I position, in the Department of Physics and Astronomy or the Department of Computer Science with cross appointments to related Departments possible. This position has an anticipated start date of July 1 2024 or later.

The successful candidate can join the Faculty of Science's Institute for Quantum Science and Technology, which comprises 17 faculty members and their research groups, and the [Institute is a member of the Quantum Alberta consortium](#), which is a community of quantum scientists, technologists and engineers working in the Province of Alberta.

Tier I candidates: must hold a Ph.D. in physics, chemistry, computer science, mathematics, or related discipline and be an outstanding internationally recognized researcher in theoretical quantum information science; demonstrated leadership in the area of quantum machine learning; a highly successful track record of supervising graduate students and/or postdoctoral scholars; and a strong record of leading externally funded projects. Interdisciplinarity is an asset and industrial partnerships are encouraged.

Tier I Chairs are tenable for seven years and renewable once. Tier 1 Chairs are intended for outstanding and innovative world-class researchers whose accomplishments have made a major impact in their fields and who are recognized internationally as leaders in their fields. Further information about the Canada Research Chairs Program can be found on the Government of Canada's CRC [website](#), including eligibility criteria.

The applicant must be able to work effectively with people from diverse communities and cultures at the University of Calgary.

Application deadline is January 10, 2024.

Please apply online via the 'Apply Now' link. A complete application should be submitted in a single pdf, and include the following:

- Cover letter (1-2 pages)
- Current curriculum vitae
- Research Plan (1-3 pages)
- Teaching Philosophy (1-2 pages)
- Statement describing the candidate's contributions, or potential contributions to, equity, diversity, and inclusion (EDI) along with their ability to work with a culturally diverse and international student, staff, and faculty body (up to 1 page)

- Names and contact information of three references

Questions and applications can be addressed to:

Dr. Stephen Hubbard, Vice-Dean, Faculty of Science

Email: shubbard@ucalgary.ca

The University of Calgary has launched an institution-wide [Indigenous Strategy](#) committing to creating a rich, vibrant, and culturally competent campus that welcomes and supports Indigenous Peoples, encourages Indigenous community partnerships, is inclusive of Indigenous perspectives in all that we do.

As an equitable and inclusive employer, the University of Calgary recognizes that a diverse staff/faculty benefits and enriches the work, learning and research experiences of the entire campus and greater community. We are committed to removing barriers that have been historically encountered by some people in our society. We strive to recruit individuals who will further enhance our diversity and will support their academic and professional success while they are here. In particular, we encourage members of the designated groups (women, Indigenous peoples, persons with disabilities, members of visible/racialized minorities, and diverse sexual orientation and gender identities) to apply. To ensure a fair and equitable assessment, we offer accommodation at any stage during the recruitment process to applicants with disabilities. Questions regarding [diversity] EDI at UCalgary can be sent to the [Office of Equity, Diversity and Inclusion \(equity@ucalgary.ca\)](#) and requests for accommodations can be sent to Human Resources (hrhire@ucalgary.ca).

All qualified candidates are encouraged to apply; however Canadians and permanent residents will be given priority. In this connection, at the time of your application, please answer the following question: Are you a Canadian citizen or a permanent resident of Canada? (Yes/No)

In support of University of Calgary's promotion of a diverse workforce, the Faculty of Science is committed to showing leadership in diversity, equity and inclusion and nurturing a healthy and respectful workplace environment for all.

The University of Calgary recognizes that candidates have varying career paths and that career interruptions can be part of an excellent academic record. Candidates are encouraged but not required to provide any relevant information about their experience and/or career interruptions to allow for a fair assessment of their application. Selection committees have been instructed to give careful consideration to, and be sensitive to the impact of career interruptions, when assessing the candidate's research productivity.

To learn more about academic opportunities at the University of Calgary and all we have to offer, view our [Academic Careers website](#). For more information visit [Careers in the Faculty of Science](#).

The University strongly recommends all faculty and staff are fully vaccinated against COVID-19.

About the University of Calgary

UCalgary is Canada's entrepreneurial university, located in Canada's most enterprising city. It is a top research university and one of the highest-ranked universities of its age. Founded in 1966, its 36,000 students experience an innovative learning environment, made rich by research, hands-on experiences

and entrepreneurial thinking. It is [Canada's leader in the creation of start-ups](#). [Start something](#) today at the University of Calgary. For more information, visit ucalgary.ca.

About Calgary, Alberta

Calgary is one of the world's cleanest cities and has been named one of the world's most livable cities for years. Calgary is a city of leaders - in business, community, philanthropy and volunteerism. Calgarians benefit from a growing number of world-class dining and cultural events and enjoy more days of sunshine per year than any other major Canadian city. Calgary is less than an hour's drive from the majestic Rocky Mountains and boasts the most extensive urban pathway and bikeway network in North America.

Posting Date: December 11, 2023

Closing Date: January 10, 2024